

Integrated Public Safety Commission Project Hoosier SAFE-T		System Procedure Manual Section V (c) T1 Circuit Order / Implementation Process
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T1 Circuit Order/Implementation Process

Section V (c)

1) Objective

Establish a standard process for ordering and installation of T1 circuits for use on the Hoosier SAFE-T 800 MHz digital trunked radio network.

2) Background

The Motorola 800 MHz Digital Trunked System requires each Hoosier SAFE-T tower site (Intele-Repeater Sites or IR Sites) and certain local and state agencies participating on the network to be connected to the backbone via a T1 circuit. To assist with each circuit implementation, IPSC will facilitate processing of all T1's between the user agency and the Intelenet Commission. IPSC will provide, as components of the infrastructure, all T1 circuits between each tower site and its' respective smart zone controller, while participating local and state agencies that choose to have the more expensive wire-line dispatch consoles will be required to supply the T1's for each dispatch center connected to the backbone. They will receive the same discounted price as the IPSC receives.

3) Suppliers

State agencies and telecommunications vendors supporting Project Hoosier SAFE-T include: Integrated Public Safety Commission, Intelenet Commission, AT&T and Motorola.

4) Constraints/Issues

Pass through costs related to the buildout of T1 services by the LEC (Local Exchange Company). The costs associated with providing T1 services can be extremely high, if build out is required. The telecommunications providers typically pass those charges along to the customer as part of the buildout expense. Departments and agencies will need to confirm the availability of T1 service as part of the circuit order process.

Integrated Public Safety Commission Project Hoosier SAFE-T		System Procedure Manual Section V (c) T1 Circuit Order / Implementation Process
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NO ORDER WILL BE PROCESSED WITHOUT “QUALIFICATION” BY AT&T; AND, IF NECESSARY, WRITTEN (Purchase Order) DEPARTMENT/AGENCY APPROVALS TO PAY FOR BUILDOUT COSTS ASSOCIATED WITH THE BUILD.

5) Procedures

- a. The Integrated Public Safety Commission (IPSC) will, through the Intelnet Commission, purchase T1 circuits required for each IR site on the Hoosier SAFE-T network backbone.
- b. Each order will be placed using the standard Project Hoosier SAFE-T Circuit Order Form.
- c. The Hoosier SAFE-T System Administrator will maintain a database of all T1 circuits. The intent is to maintain a central point of record for each circuit for the purpose of monitoring the installation process and for future network management requirements.
- d. Those agencies, (local, state & county) wishing to order T1's shall initiate a request. The form is to be forwarded to the Hoosier SAFE-T System Administrator, who will acknowledge receipt and complete internal processing prior to forwarding to the Intelnet Commission's Network Services Manager.
- e. The Intelnet Commission Network Services Manager will facilitate order and implementation of each T1 circuit through contracted services from AT&T. Upon “qualification” (see note below) of the circuit, AT&T will notify Intelnet of the circuit number and scheduled installation date. This information is to be provided to the Hoosier SAFE-T System Administrator for internal processing and notification to the ordering agency or department.

***NOTE:** AT&T will research the availability of T1 service for each circuit ordered. T1 services may not be available in all areas of the state. To provide T1 service, a buildout may be required. The cost for such buildout are typically passed through to the department or agency as up front charges for the circuit.*

Integrated Public Safety Commission Project Hoosier SAFE-T		System Procedure Manual Section V (c) T1 Circuit Order / Implementation Process
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- f. Concurrent with user agency notification, the System Administrator will notify Motorola of the scheduled installation date. Motorola will schedule staff and equipment accordingly to perform circuit tests required for throughput certification.

Qualification by Motorola of T1 circuit throughput/performance. Motorola will conduct circuit throughput (qualification – Motorola term not to be confused with AT&T's) tests prior to approving the circuit for use on the Hoosier SAFE-T network.

- g. AT&T will coordinate the installation of circuits between their sub-contractor(s), and the ordering agency or department. Considering the security and access restrictions in place at most law enforcement/criminal justice facilities, it is critical for both the ordering agency/department and AT&T to designate a point of contact and assure the contact's availability to assist with gaining access to the required de-mark areas for circuit installation.
- h. AT&T will notify the Intelenet Commission Manager of Network Services upon completion of the circuit installation, who will in turn notify the Project Hoosier SAFE-T System Administrator.